



Abundant Tetraploid Annual Ryegrass is a high yielding, disease resistant type that provides a large amount of excellent quality forage in a short period of time. **Abundant** is a top choice for multiple harvest systems where short rotations, companion establishment and/or final year transition forage is desired. **Abundant** performs well straight seeded or in mixes for green chop, haylage, hay, or for the intensive grazer.

Notable Characteristics:

- Late Maturity
- High Yield/Vigorous growth
- High Feed Quality/High Sugar content
- Tetraploid Annual Ryegrass
- Wider, more succulent leaves than diploid annual ryegrass
- Bred for crown and leaf rust resistance
- Resistant to leaf spot, scald, powdery mildew, and pythium blight
- Excellent palatability/digestibility
- Easy establishment
- Excellent Winter hardiness

Performance Data:

Variety	Site Rank	Site Yield #/acre
Abundant	4/18	8177
Marshall	6/18	7929
Lafayette	7/18	7864
Natchez	13/18	7068
Plot average		7358

Variety	Site Rank	Site Yield #/acre
Abundant	1/18	7040
Shoot	3/18	6720
Storm	11/18	5580
Solitaire	16/18	5280
Plot average		5880

Applications:

For the Northern farmer, annual ryegrass, especially a tetraploid annual ryegrass, like **Abundant**, can be a very valuable tool. Because both annual and perennial ryegrasses establish easy, they are well suited for pasture renovation and minor field repairs. Easily adaptable to broadcast plantings, farmers can sow ryegrass most anytime of the year. Annual ryegrass is also beneficial for use with alfalfa as an establishment crop as well as a final year transition crop.

Seeding Rates:

New fields/pasture: 30-40 lbs./acre

Renovation/Overseeding existing fields/pastures:

(Note Seeding Rate for pasture/hay field renovation varies according to the quality/quantity of the forage in the field.)

- Pastures: 20-30 lbs./acre
- Alfalfa Hay Field: 3-5 lbs./acre.
- Clovers can be added at 1-2 lbs./acre.

Method of Seeding:

Use of a Brillion seeder, a no-till drill or a culti-packer is ideal. Frost seeding also works well, especially if the animals are allowed to "hoof" it into the existing pasture. Seed to soil contact is vital to having a successful stand. Take caution to not plant the seed more than ¼" deep. **Abundant** establishes quickly but weed control and proper management on initial grazings is vital to stand establishment.

